

## CLAIMS

We claim:

1           1.     A method for processing video comprising:  
2     receiving a video signal;  
3     receiving a first audio signal containing annotations;  
4     receiving a second audio signal containing environmental sounds corresponding to  
5         the video signal; and  
6     generating searchable annotations corresponding to the video and second audio  
7         signals via the first audio signal..

1           2.     The method as claimed in claim 1 further comprising: removing  
2     the annotations from the second audio signal. —

1           3.     The method as claimed in claim 2 wherein removing the  
2     annotation from the second audio signal further comprises: utilizing a least-mean-  
3         square algorithm.

1           4.     The method as claimed in claim 1 further comprising:  
2     generating a center text title via the searchable annotations; and  
3     generating a scrolling text banner via the searchable annotations.

1           5.     The method as claimed in claim 1 further comprising: —

generating a video abstract via the first and second audio signals, the video signal and the searchable annotations.

6. A system for processing video comprising:  
means for receiving a video signal;  
means for receiving a first audio signal containing annotations;  
means for receiving a second audio signal containing environmental sounds  
corresponding to the video signal; and  
means for generating searchable annotations corresponding to the video and  
second audio signals via the first audio signal.

7. The system as claimed in claim 6 further comprising:  
removing the annotations from the second audio signal.

8. The system as claimed in claim 6 further comprising:  
means for generating a center text title with the computer searchable annotations;  
and  
means for generating a scrolling text banner with the computer searchable  
annotations.

9. The system as claimed in claim 6 further comprising:  
means for generating a video abstract via the first and second audio signals, the  
video signal and the searchable annotations.

1           10.    A system for processing video comprising:  
 2           a video signal;  
 3           a first audio signal containing annotations;  
 4           a second audio signal containing environmental sounds corresponding to the video  
 5           signal; and  
 6           searchable annotations corresponding to the video and second audio signals  
 7           generated via the first audio signal.

1           11.    The system as claimed in claim 10 wherein the processor removes  
 2           the annotations from the second audio signal.

1           12.    The system as claimed in claim 10 wherein the processor:  
 2           generates a center text title with the computer searchable annotations; and  
 3           generates a scrolling text banner with the computer searchable annotations.

1           13.    The system as claimed in claim 10 wherein the processor:  
 2           generates a video abstract via the first and second audio signals, the video signal  
 3           and the searchable annotations.

1           14.    The system as claimed in claim 10 wherein the video signal is  
 2           received from a video recorder.

1           15.    The system as claimed in claim 10 wherein the first and second  
2 audio signals are received from at least one microphone.

1           16.    A computer-readable medium having stored thereon a plurality of  
2 instructions, said plurality of instructions when executed by a computer, cause  
3 said computer to perform the method of:  
4 receiving a video signal;  
5 receiving a first audio signal containing annotations;  
6 receiving a second audio signal containing environmental sounds corresponding to  
7 the video signal; and  
8 generating searchable annotations corresponding to the video and second audio  
9 signals via the first audio signal.

1           17.    The computer-readable medium of claim 16 having stored thereon  
2 additional instructions, said additional instructions, said plurality of instructions  
3 when executed by a computer, cause said computer to further perform the method  
4 of removing the annotations from the second audio signal.

1           18.    The computer-readable medium of claim 16 having stored thereon  
2 additional instructions, said additional instructions, said plurality of instructions  
3 when executed by a computer, cause said computer to further perform the method  
4 of:  
5 generating a center text title via the searchable annotations; and  
6 generating a scrolling text banner via the searchable annotations.

1           19.    The computer-readable medium of claim 16 having stored thereon-  
2 additional instructions, said additional instructions when executed by a computer,  
3 cause said computer to further perform the method of:  
4 generating a video abstract via the first and second audio signals, the video signal  
5 and the searchable annotations.